

Western Aquatic Plant Management Society Newsletter

Fall/Winter 2004

Robert Leavitt
Editor, rlavitt@cdfa.ca.gov

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The Newsletter Editor is always looking for information and short articles for this newsletter. If you have any information or a short article that you'd like to see in the newsletter, please contact the Editor, Robert Leavitt by phone at (916) 654-0768, or by email at rlavitt@cdfa.ca.gov

Thanks.

Join us in Denver!

Jenifer Parsons, Vice President and Program Chair, jenp461@ecy.wa.gov

The Western Aquatic Plant Management Society's 2005 annual meeting is scheduled for March 10-11 in Denver Colorado. The location is the Holiday Inn Denver International Airport Hotel Convention and Trade Center. It is located about 10 minutes from the airport, and 20 minutes from down town Denver. There is a free airport shuttle, so it should be quite easy for people flying in! And March is a great time to do a little spring skiing if you would like to extend your stay in the Denver area.

The hotel should be able to satisfy all of our needs, and then some! Here is what they say:

"Welcome to Denver's most convenient accommodations-located just 7 minutes from Denver International Airport! From the moment you enter our sun-drenched atrium, you'll realize we're more than a hotel... we're a hub of activity! Relax in the luxury of our beautiful new guest rooms, get refreshed in our sparkling pool, or browse for a memento in our gift shop. When it comes to dining options, we have the perfect atmosphere in the open-air setting of The Coffee Terrace. Sink into a comfortable chair and let yourself unwind to the mellow tunes of our lounge's grand piano. Whether you're visiting on business or pleasure, our attentive staff and superb surroundings welcome you in style."

For more information about the hotel go to
<http://www.jqhhotels.com/htmlsite/hotels/co/denverairport/>

The specifics:

- The conference will start about 8:30 am on Thursday March 11 and end around noon Friday March 12th, 2005
- Fill out the conference registration form included with this notice or on-line at www.wapms.org. Registration received prior to February 11 is \$70, after that it is \$90.
- Room rates are \$79.00 single for the 10th and 11th. **The cutoff for this rate is February 7th, 2005.** After that you will pay the going price. Note that the per diem rate for Denver is \$112, so our rate is a substantial savings! Make reservations by calling the hotel at 303-371-9494 or 1-800-HOLIDAY
- There is a free shuttle from the Denver International Airport. Use the courtesy phone at baggage claim, and make sure you don't end up at the Holiday Inn Express by mistake.

Don't delay, make your reservations today! Help us to spread the word and make this a great conference!

Call for Papers / Posters

Western Aquatic Plant Management Society 2005 Annual Meeting, March 10-11, 2005

Jenifer Parsons, Vice President and Program Chair, jenp461@ecy.wa.gov

The meeting will be held at the **Holiday Inn Denver International Airport** in Denver, Colorado. Oral presentations will be 20 minutes, including questions. Posters will be mounted in the main meeting room. Presentations are encouraged on all aspects of aquatic and wetland plant management, biology and ecology. A computer and projector to handle PowerPoint presentations will be provided. If you have different requirements please contact Jenifer.

Send this form and a brief abstract (less than 200 words) by **January 15th** to:

Jenifer Parsons
Vice President WAPMS
15 W. Yakima Ave, Suite 200
Yakima, WA 98902
or by e-mail to jenp461@ecy.wa.gov

Presentation format: Oral Presentation _____ Poster _____

Title: _____

Author(s): _____

Address: _____

For additional information on accommodations or the program contact Jenifer by phone at 509-457-7136 or the above e-mail address.

Please Don't Delay. Make plans to attend, present, and participate in this conference. Invite those you associate with to submit an abstract as well!

WAPMS REGISTRATION & MEMBER APPLICATION

Nate Dechoretz
Treasurer, ndechoretz@cdfa.ca.gov

Name: _____

Company or Affiliation: _____

Address: _____

Phone #: _____

FAX #: _____

E-mail: _____

Pre-registration (before Feb. 11, 2005) **\$70.00***

Registration (after Feb. 11, 2005 or at door) **\$90.00***

Corporate Exhibits **\$300.00**

* includes membership dues to WAPMS

NOTE: REGISTRATION IS FREE FOR STUDENTS

Make Checks Payable to:

Western Aquatic Plant Management Society or WAPMS

Send this form and payment to:

Attention: Nate Dechoretz
CA Dept. of Food & Agriculture
1220 N. Street, Rm A-357
Sacramento, CA 94271-0001

For additional information, contact Jenifer Parsons 509-457-7136 or
jenp461@ecy.wa.gov

Students Students Students!

Jenifer Parsons

Vice President and Program Chair, jenp461@ecy.wa.gov

This year the Western Aquatic Plant Management Society annual conference will be featuring posters for the first time! We would like to encourage students to submit abstracts for poster presentations of your projects relating to aquatic plant management, biology or ecology. Even if your project is a work in progress, we would love to hear (read) about it! As an added incentive for students, WAPMS waives conference registration and membership fees. All you need to do is submit the Call for Papers/posters form and the registration form (indicate that you are a student).

So plan to join us, and present your research and projects!

For those of you employed by a university or located on campus, please spread the word!

2005 WAPMS Scholarship for Work on Aquatic Plants

Mark Sytsma

Chair of Scholarship Committee, sytsmam@pdx.edu

The Western Aquatic Plant Management Society (WAPMS) announces a \$1000 scholarship to support students in their pursuit of a degree in aquatic sciences. Scholarship funds may be used by the recipient to cover costs associated with education and/or research expenses. Eligible applicants must be enrolled as a full-time undergraduate or graduate student in an accredited college or university in the western United States. Course work or research in an area related to the biology, ecology, or management of aquatic plants in the West is also required. Preference is for work conducted in the western USA. All scholarship applicants will receive a one-year membership in WAPMS and a waiver of registration fees for the 2005 meeting in Colorado.

Applications will be judged by a committee consisting of academic, industry, and agency representatives. Judging will not be done by individuals with a personal or institutional affiliation with the applicant.

Application Procedure:

1. Applicant must provide a short resume; transcripts of college/university course work; and a statement of their interests, career goals, and intended use of scholarship funds. The statement should be limited to four pages.
2. Two letters of support must also be submitted. One must be from a college or university faculty member familiar with the students abilities, interests, and career goals. Letters may be emailed.
3. All application materials should be sent to the WAPMS Scholarship Program Chair by February 15, 2005 at 5 PM (Pacific Time). Announcement of the scholarship winner will be made at the WAPMS annual meeting on March 10-12, 2005.
4. All application materials should be submitted electronically (pdf format preferred) to sytsmam@pdx.edu

Contact Mark Sytsma, WAPMS Scholarship Committee Chair at the email address above for further information and questions.

WAPMS - 2004 Board Meeting Notes

March 10, 2004

*George Forni, President, gforni@aquamog.com
Robert Leavitt, Editor, rleavitt@cdfa.ca.gov*

Present:

Terry McNabb – President
George P. Forni – VP & President Elect
Roger Willemsen – Director & Continuing Education Credits
Robert Leavitt – Editor Elect
Kathy Hamel – Web Master
Toni Pennington – Director
Mark Sytsma -Scholarships
Three (3) Guests

Absent:

Pablo Cortez – Editor (Past)
Nate Dechoretz Treasurer

Meeting Notes:

8:15 pm

Call for Meeting:

- 1.) **2004 Meeting Agendas.** Someone to call Pablo (absent from meeting) to locate agendas. Kathy Hamel offered to do so.
- 2.) **Travel costs for the President of the Aquatic Plant Management Society.** There was discussion about whether it should be policy that the WAPMS should compensate the travel costs for the President of the Aquatic Plant Management Society to attend the WAPMS conference, if the society's by-laws allow it. President-Elect Forni motioned, President McNabb seconded; Approved for inclusion (if bi-laws allow).
- 3.) **Meeting location for 2006.** Hawaii and other locations were discussed. As part of discussion, it was noted that the WAPMS should make effort to include Pacific aquatic vegetation managers. Hawaii was chosen.
- 4.) **Vice President Nominees.** Discussion of persons qualified; Jennifer Parsons would be good, need to ask her to do so. President-Elect Forni volunteered to talk with her at meeting on 3/11; Web Master Hamel also said that she would discuss it with her. There were several volunteers to assist her.

- 5.) **New Director Positions.** One Director is scheduled to rotate off this year and the society will need a new Continuing Education Credit Director because Director Willemsen cannot continue for professional reasons. Several nominees were discussed; Kim Patten and Dave Burch appointed pending vote by members in Business Meeting.
- 6.) **Editor.** President McNabb nominated Robert Leavitt; President-Elect Forni seconded; Leavitt accepted, pending vote by members in Business Meeting. Thank you to Past Editor Cortez for 3 years of service. WAPMS to purchase plaque for Pablo to be presented at the 2005 Denver meeting.
- 7.) **Western Regional Panel (WRP) for Aquatic Nuisance Species Representative.** Mark Sytsma presented a case that the WAPMS should sponsor a representative to the WRP. Mark Sytsma nominated K. Hamel to represent. There was a notion and second that the WAPMS should send a representative to the WRP on a continuing basis; approved pending vote by members in Business Meeting.
- 8.) **Scholarships.** Director Pennington raised the concern that the WAPMS needs to fund more scholarships for more student involvement. President McNabb and President-Elect Forni discussed raising amount and having two scholarships at \$1500; President-Elect Forni also offered the idea of travel compensation to encourage additional student attendees. Discussion. President-Elect Forni motioned that the WAPMS fund two student scholarships at \$1500 each; President McNabb seconded; approved. There was no decision on the compensation of travel costs.
- 9.) **Registration Fees for 2005 WAPMS conference.** Discussion, the present registration fee (\$60 pre-registration, \$80 post registration, \$225 for Corporate sponsors) is low for value received; motion by President McNabb and second by Director Pennington to raise the registration fee for the 2005 conference to \$70 pre-registration and \$90 post registration and \$300 for Corporate sponsors; approved.

Adjourn 11:10 pm

WAPMS – Interim Treasurer’s Report

Nate Dechoretz, Treasurer, ndechoretz@cdfa.ca.gov

Over the past 10 years, the Western Aquatic Plant Management Society (WAPMS) has been able to continue to provide valuable service of education, outreach, and scholarship to our members, stakeholders and partners. During that period, WAPMS has contributed over \$ 9,000 in scholarship awards for students in the West, and in support of the Aquatic Ecosystem Foundation Scholarship Fund. The WAPMS has made significant contributions (\$ 5,000) to the National Aquatic Plant Management Society’s Outreach Campaigns and support for hosting the International Society meeting the in the United States. All the above were accomplished while conducting annual conferences without significant increases in membership dues, corporate sponsorships, and conference registrations. Compared to other society’s fees, WAPMS is one of the lowest in the nation.

However, increased costs to hold the annual conferences, especially for the 2003 and 2004 conferences, has seriously depleted our reserves. In the past, WAPMS has maintained enough reserves to cover one and one-half years operating expenses, including continued support of a \$ 2000 scholarship per year. Therefore, I strongly support the Board of Directors resolution to increase membership dues, conference pre-registration and registration fees, and corporate exhibit fees. Furthermore, if the Society wishes to continue to pay for a luncheon and/or an evening function, the cost for these events, if not donated, should be added to the conference registration fee.

Interim Treasurer’s Report, November 15, 2004

Balance as of 03/01/2004, including 2004 Conference Pre-registrations	\$12,967.99
Income	
Late Registrations and Exhibit fees for 2004 Conference	\$ 2,455.00
Membership fees	\$ 50.00
Subtotal of Income	\$ 2,505.00
Expenditures	
Presidents Plaque	\$ 47.19
Printing Registration Form	\$ 42.26
Cash for Registration Desk	\$ 200.00
Scholarship	\$ 2,000.00
2004 Conference Expenses	\$ 6,728.00
Subtotal of Expenses	\$ 9,017.45
Balance as of 11/01/2004	\$ 6,455.54

Weeds Proposed for Listing in Washington State

Kathy Hamel

Washington State Department of Ecology, kham461@ecy.wa.gov

A couple of aquatic species are being proposed for listing on Washington's state noxious weed list. These are curly-leaf pondweed (*Potamogeton crispus*) and grass-leaved arrowhead (*Sagittaria graminea*). Curly-leaf pondweed, native to Europe, is already wide-spread in Washington waters. This species is considered nearly as problematic as Eurasian watermilfoil in the mid-western states, but until recently curly-leaf pondweed has not been a problem in Washington. Recently aquatic plant managers are reporting seeing increased and sometimes severe problems with curly-leaf pondweed in Washington. Because of this, curly-leaf pondweed is being proposed for listing as a noxious weed. However control will not be mandated for this species since it is already so widely distributed.

Grass-leaved arrowhead is an attractive species that is native to the eastern half of North America. Because it has pretty white flowers, it has been promoted by the nursery industry as an ornamental plant. Unfortunately where it has been introduced outside of its native range, it has proven to be a serious pest. Grass-leaved arrowhead is found in a handful of lakes in Western Washington. In one lake it has been established since 1988 and it grows densely throughout the littoral zone, mostly submersed but also emergent in some areas. In this lake grass-leaved arrowhead does not appear to be causing problems with public recreation and there is little incentive to manage it. However, in Mason Lake, grass-leaved arrowhead is colonizing the same habitat and potentially displacing the rare water lobelia (*Lobelia dortmanna*). There is an active control program underway in Mason Lake. Although not proposed for listing as a noxious weed at this time, another invasive arrowhead species (*Sagittaria platyphylla*) has been recently discovered in a western Washington lake. Divers report that this species that produces many tubers, has robust rhizomes, and sets viable seed. Like grass-leaved arrowhead, *S. platyphylla* sometimes blooms underwater.

Native Milfoil Found in California Irrigation Canal

Tom Barr

California Department of Food and Agriculture, tbarr@cdfa.ca.gov

A native milfoil, *Myriophyllum hippuroides*, has become established in the Friant Water Irrigation District's main canal (Figure 1). The canal supplies potable water for two municipalities and irrigation water for the southern San Joaquin valley. The California Department of Food and Agriculture (CDFA) responded to a report by the United States Department of Agriculture and the Friant Water Irrigation District that an unknown plant had been found growing in the canal by obtaining a voucher sample for identification and submitting it to the CDFA Botany Laboratory. The plant was suspected to be *Myriophyllum heterophyllum* (variable leaf milfoil), an eastern species not previously found or reported in California's waterways. However, Dr. Fred Hrusa, Senior Plant Taxonomist at the CDFA Botany Laboratory identified it as the native *Myriophyllum hippuroides* (Figure 2). The two species are vegetatively similar, which can cause confusion with identification. Distinguishing characters include fruit shape (rectangular for *M. hippuroides* and globose for *M. heterophyllum*); the presence of a sulcus in *M. hippuroides*; and fruit surface vestiture (smooth in *M. hippuroides*, papillose in *M. heterophyllum*). This is not the first known weedy occurrence of this plant in California, but may be the largest. According to Dr Hrusa, *M. hippuroides* has been identified here three times as an occupier of canals (2) or artificial ponds (1), so it is capable of occupying artificial sites. The Jepson Manual reports it as occurring in "ponds, ditches, small streams". Because this is a native plant and is not generally weedy, the CDFA gave it a "D" rating¹, which means that it is generally beneficial or innocuous and is not the target of a state or county eradication program. (In addition, native plants generally get "D" ratings²). However, this does not mean it cannot be a local weed problem, as in the Friant Water Irrigation District canal. Moreover, the correct identification of this weed demonstrates how critical an accurate identification is to weed control efforts.

See figures, below.

¹ See California Department of Food and Agriculture Plant Quarantine Manual (<http://pi.cdfa.ca.gov/pqm/manual/htm/pgdown.htm>), HTML or PDF, Special Handling, Weed Policy) for more information on the CDFA plant rating system.

² The exceptions are several native plants rated "C" long ago.

Figure 1: Friant Irrigation Water District canal infestation of *Myriophyllum hippuroides*.



Figure 2: A close up of *Myriophyllum hippuroides* fruit and flowers of the emergent growth. This is required for precise identification.

